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Cherkasky fusion proteins containing antibody-, antigen- and microtubule-binding regions and immune-response triggering regions

Amended Claims

1. Fusion proteins, wherein they comprise antigen-binding regions and microtubule-binding regions and immune-response triggering regions.
2. The fusion proteins according to claim 1, wherein the specific microtubule-binding regions include a component selected from the group consisting of gephyrin, Tau, MAP and regions thereof.
3. The fusion proteins according to claim 1, wherein the immune-response triggering regions include a component selected from the group consisting of Fc of IgG, B 7.1, B 7.2 and regions thereof.
4. The fusion proteins according to claim 1, wherein the specific antigen-binding regions include a component selected from the group consisting of IL-15, IL-2, EGF, FGF, CSF, MGF and regions thereof.
5. Fusion proteins according to claim 1 further comprising membrane penetration domain.
6. Fusion proteins, wherein they comprise antibody-binding regions and microtubule-binding regions.
7. Fusion proteins according to claim 6 further comprising immune-response triggering regions.
8. The fusion proteins according to claim 6, wherein antibody-binding regions include a component selected from the group consisting of Staphylococcal protein A (SPA), extracellular region of the Fc receptor CD 64, and regions thereof.
9. The fusion proteins according to claim 6, wherein microtubule-binding regions include gephyrin, MAP, Tau or regions thereof.
10. The fusion proteins according to claim 7, wherein the immune-response triggering regions include Fc of IgG, B 7.1, B 7.2 or regions thereof.